

**CALIFORNIA ENERGY COMMISSION**  
**Metal Halide to T5 Retrofit**  
**Sentre Partners, Inc. Project Summary**

**Project Description:**

Sentre Partners, a major property management company in California, retrofitted one of its properties located in San Diego with T8 lamps and an advanced daylighting system. Most of the T12 fixtures were replaced with T8 fixtures with specular reflectors. Some fixtures were replaced with T8 fixtures with WattMiser lamps, which are T8 lamps that only consume 30 watts per lamp, compared to the standard 32 watts per lamp for all other T8 lamps. Around the perimeter of the building, the fixtures were installed with an Easylite Dimming Ballast and



Control System. This system used an energy management system to dim the perimeter lighting, which all had dimming electronic ballasts. The perimeter lighting was scheduled to dim to 50% of its designed power from noon to 6 p.m. during the summer months, resulting in significant energy savings during peak periods.

**Project Results and Funding Details:**

These measures reduced the peak load of the office building by 195 kilowatts.

Project Cost	\$327,342
Total Grant Award	\$48,750
Kilowatt Load Reduction	195

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